

TITLE: TESTING ENDOSYMBIONT CELLULAR ORGANELLES
AND COMPOUNDS IDENTIFIABLE THEREWITH

Inventor: van Geet et al.
Serial No.: Not Yet Assigned
Docket No.: 510005

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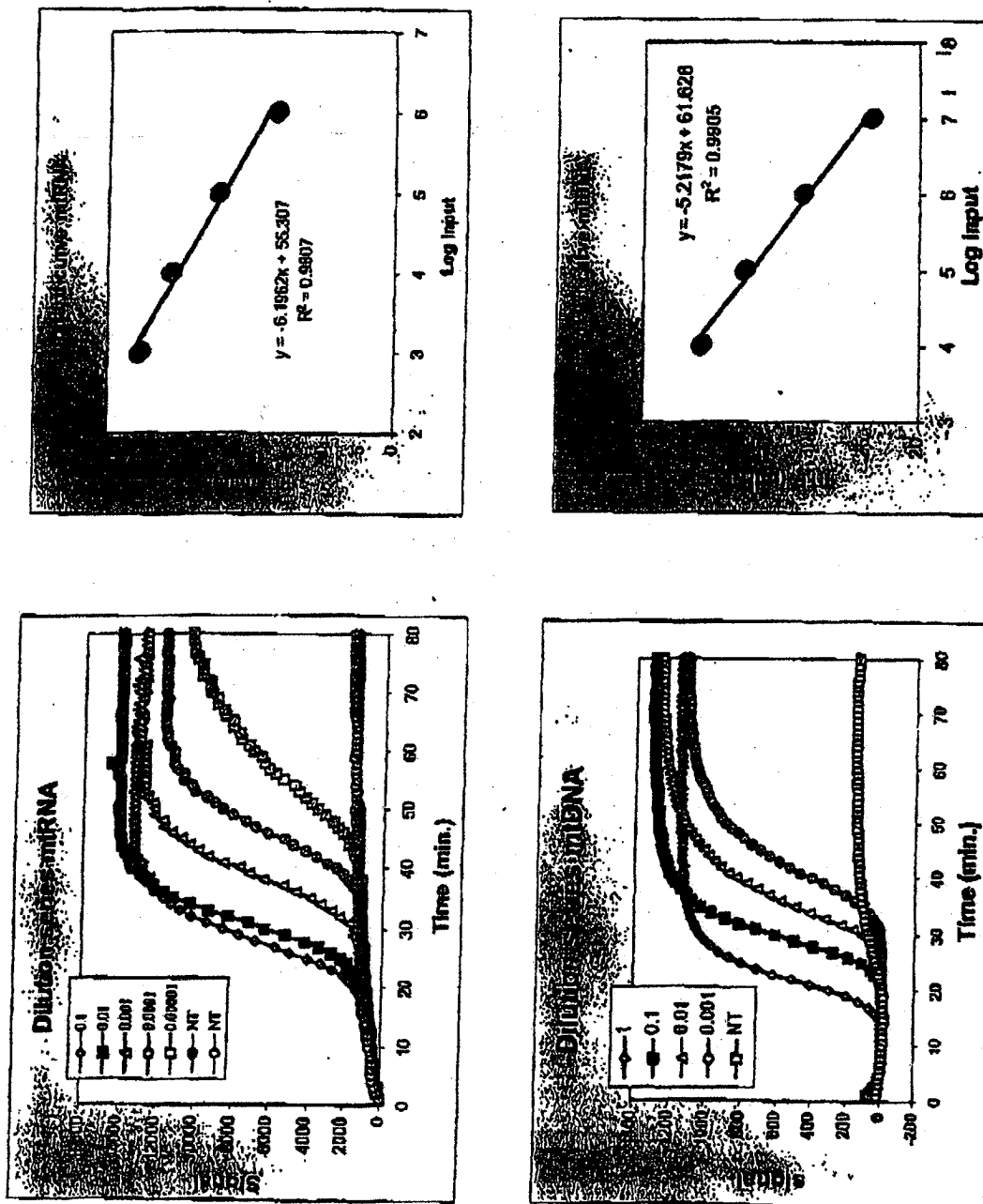


Figure 1

TITLE: TESTING ENDOSYMBIONT CELLULAR ORGANELLES
AND COMPOUNDS IDENTIFIABLE THEREWITH

Inventor: van Gemen, J.
Serial No.: Not Yet Assigned
Docket No.: 51890

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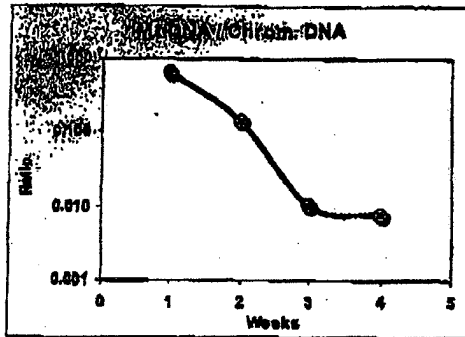


Figure 2

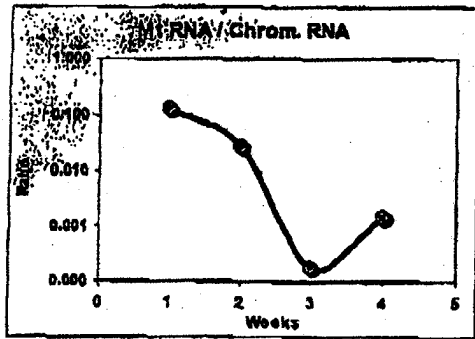


Figure 3

FOIb001-000990001

TITLE: TESTING ENDOSYMBIONT CELLULAR ORGANELLES
AND COMPOUNDS IDENTIFIABLE THEREWITH

Inventor: van Gemmen et al.
Serial No.: Not Yet Assigned
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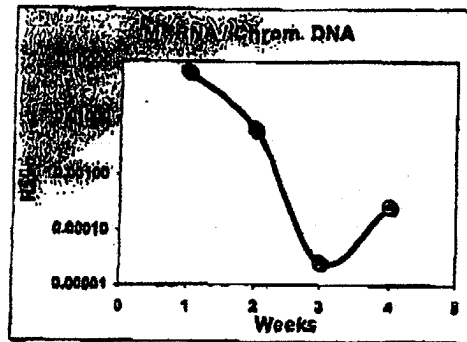


Figure 4

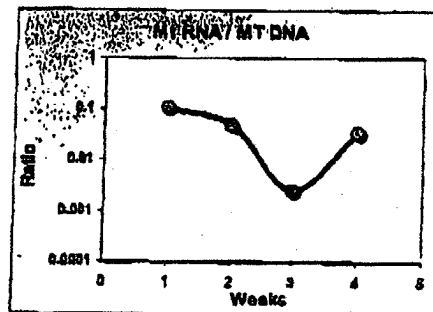


Figure 5

FIG. 4

TITLE: TESTING ENDOSYMBIONT CELLULAR ORGANELLES
AND COMPOUNDS IDENTIFIABLE THEREWITH

Inventor: van Gennip et al.
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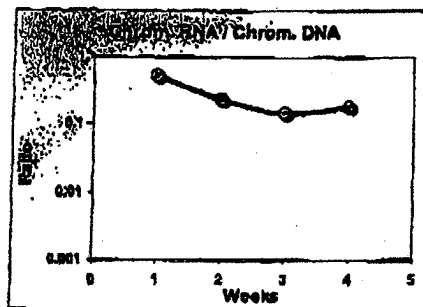


Figure 6

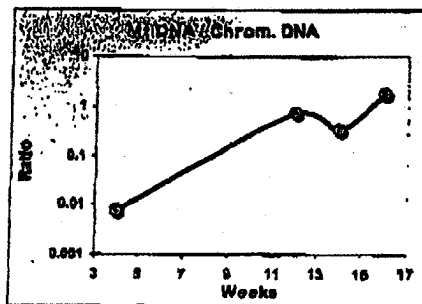


Figure 7

TITLE: TESTING ENDOSYMBIONT CELLULAR ORGANELLES
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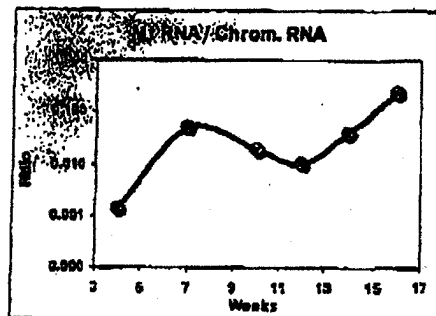


Figure 8

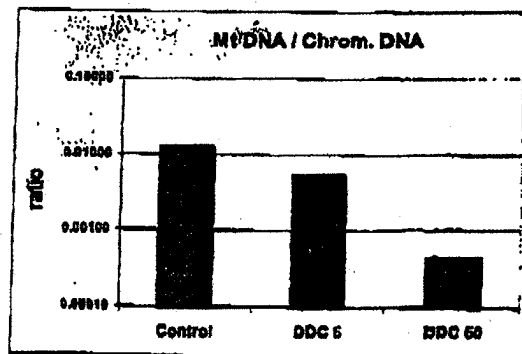


Figure 9

Patent 6,000,000

TITLE: TESTING ENDOSYMBIONT CELLULAR ORGANELLES
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Inventor: van Gemert et al.
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Docket No.: 5189-03

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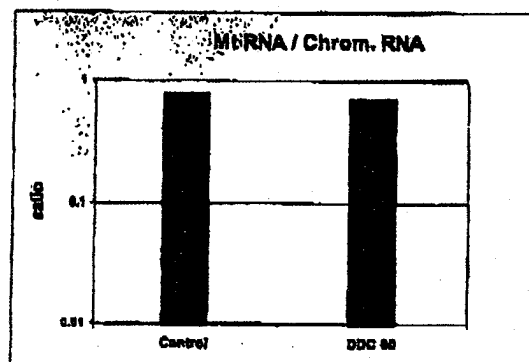


Figure 10

Docket 60030001

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AND COMPOUNDS IDENTIFIABLE THEREWITH

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Serial No.: Not Yet Assigned
Docket No.: 518900

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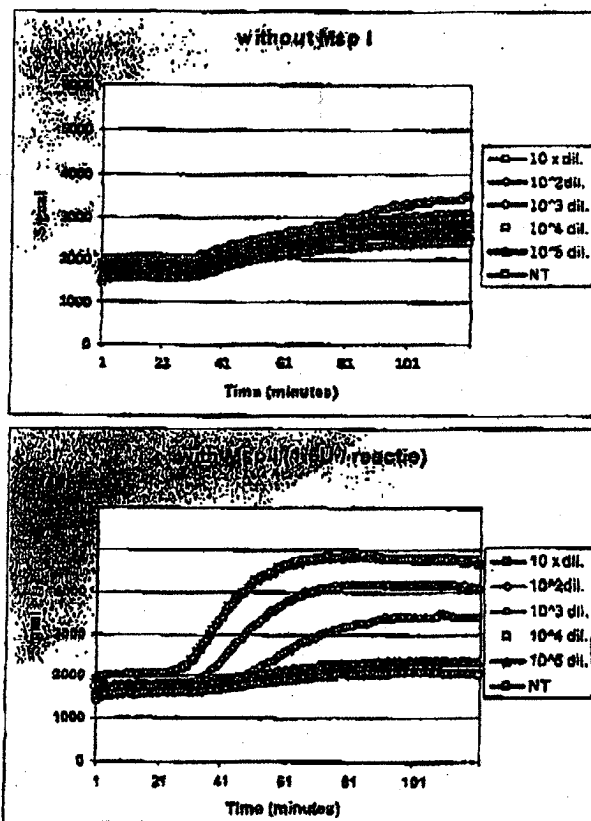


Figure 11.

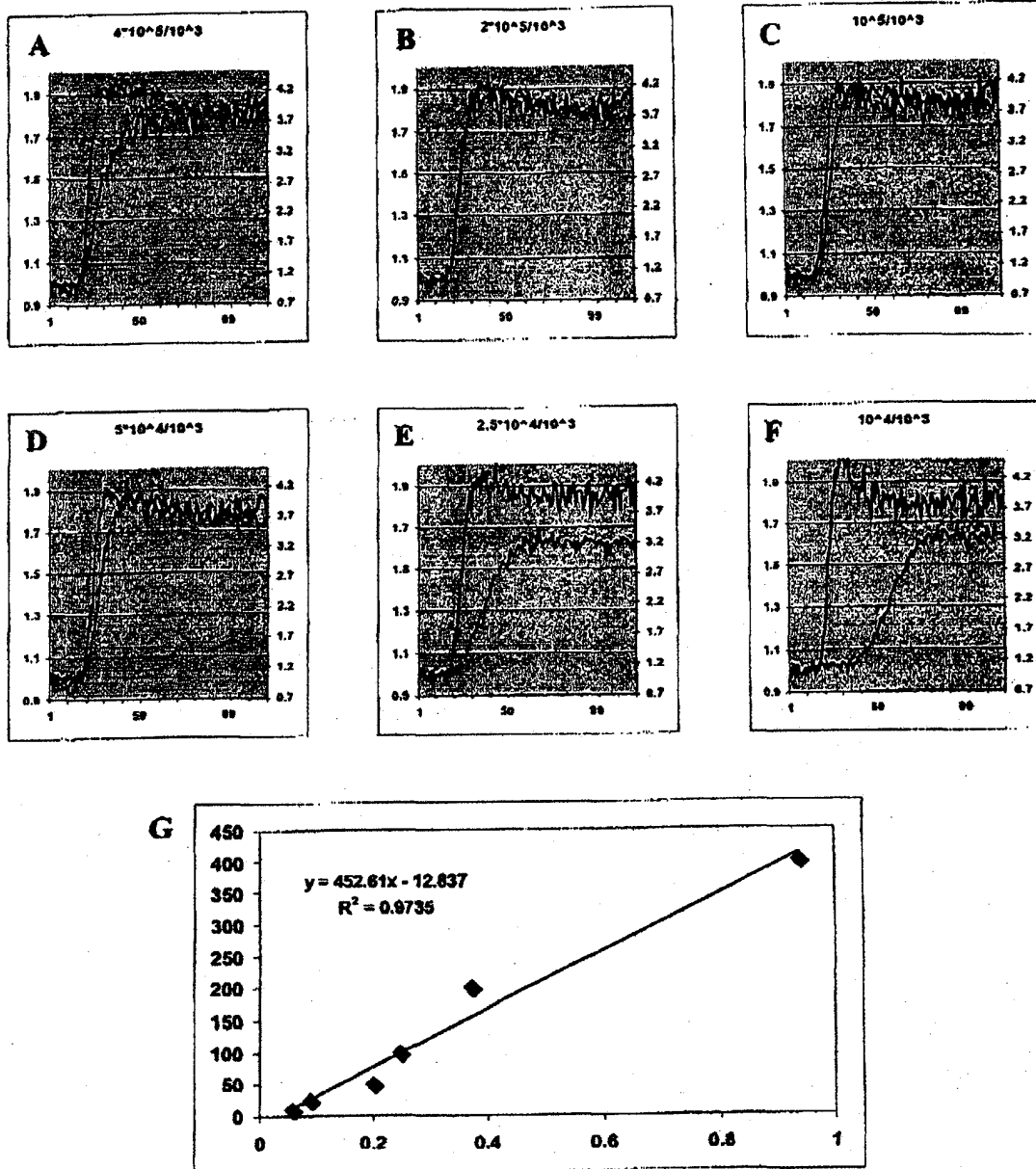
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Figure 12



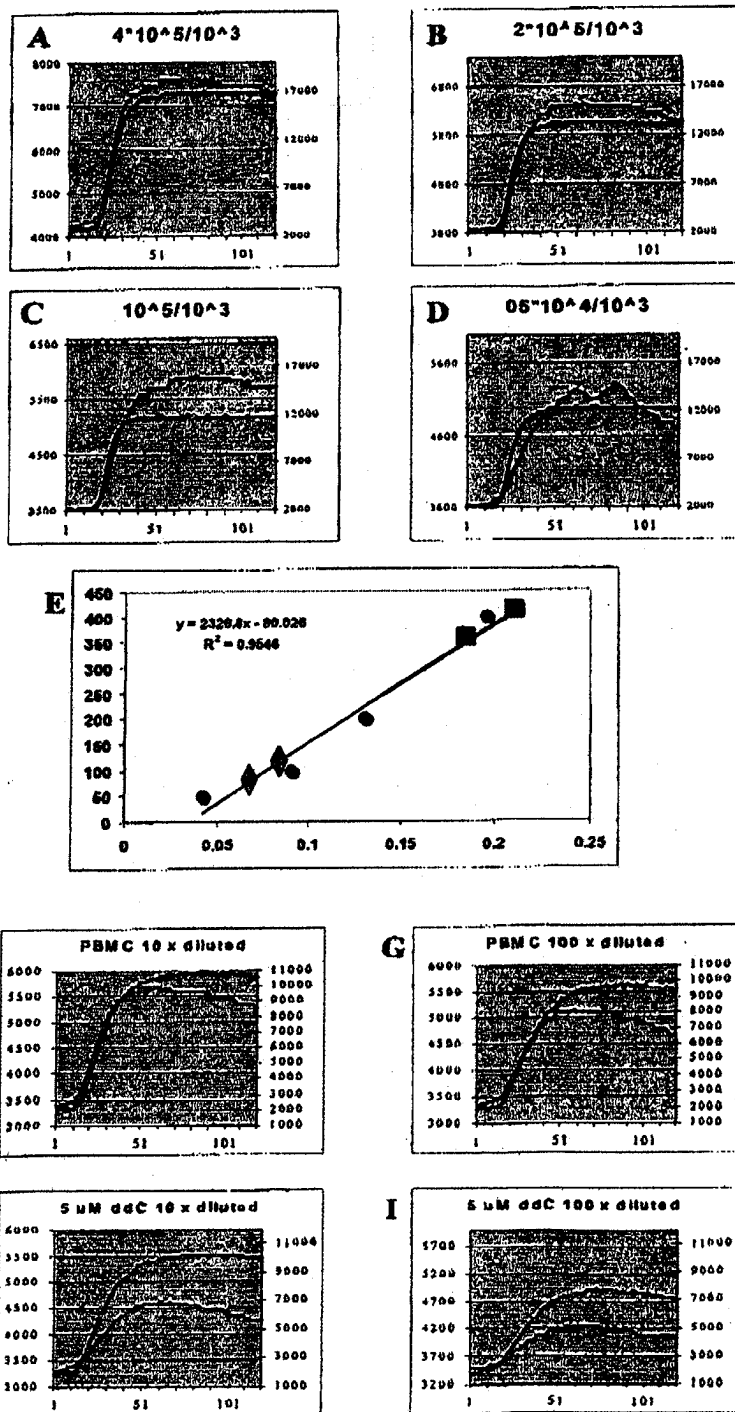
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Figure 13

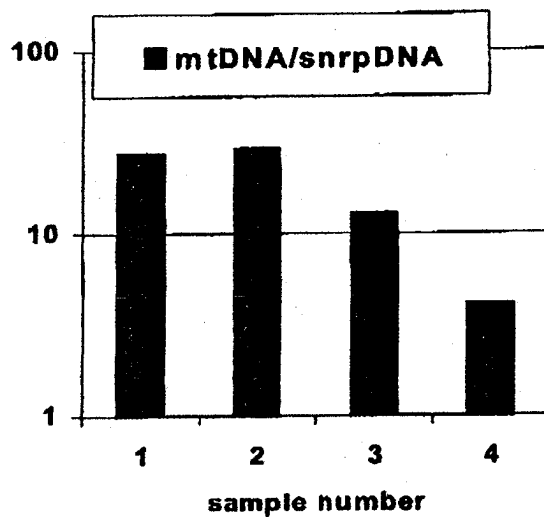


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Figure 14



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Lactate acidose patient (H0224)

M10620 (H 0224)

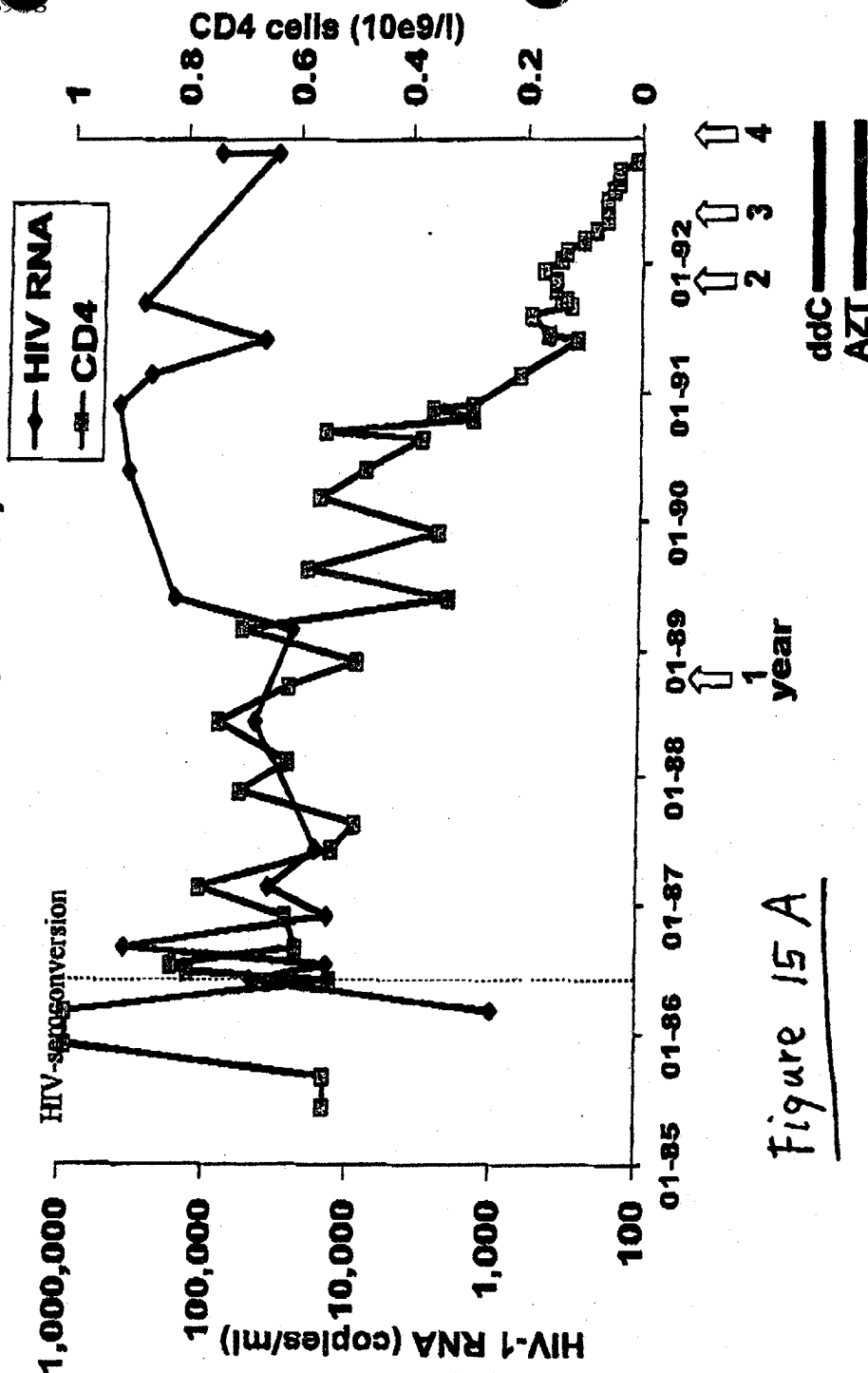


Figure 15 A

TITLE: TESTING ENDOSYMBIONT CELLULAR ORGANELLES
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Lactate acidose patient (H0224)

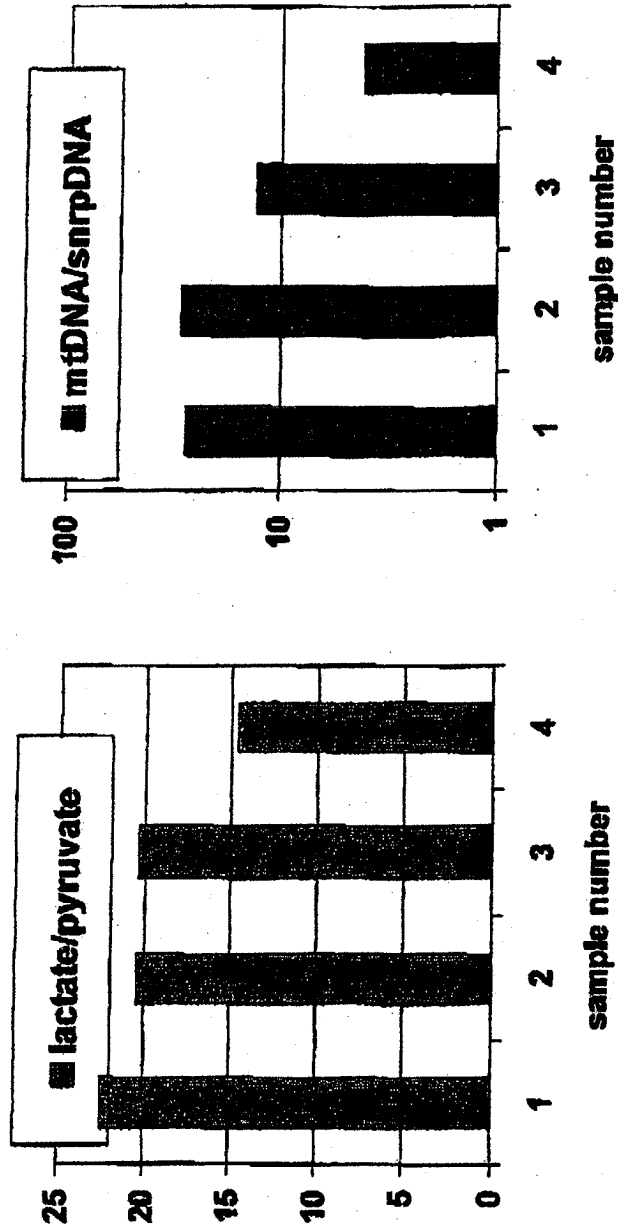
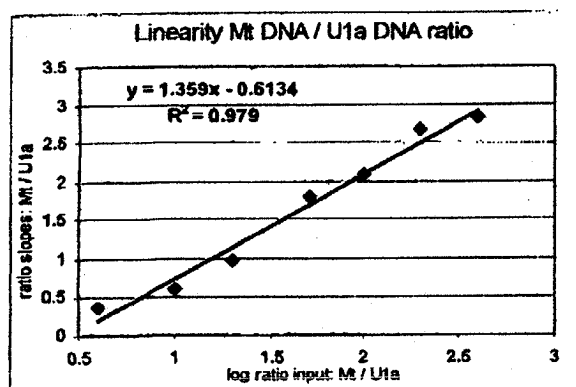


Figure 15 B

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Author	Year	Country	Sample Size	Study Design	Findings
Wang et al.	2008	China	1,000	Case-control	Increased risk of depression in children of parents with depression.
Wang et al.	2009	China	1,000	Case-control	Increased risk of depression in children of parents with depression.
Wang et al.	2010	China	1,000	Case-control	Increased risk of depression in children of parents with depression.
Wang et al.	2011	China	1,000	Case-control	Increased risk of depression in children of parents with depression.
Wang et al.	2012	China	1,000	Case-control	Increased risk of depression in children of parents with depression.
Wang et al.	2013	China	1,000	Case-control	Increased risk of depression in children of parents with depression.
Wang et al.	2014	China	1,000	Case-control	Increased risk of depression in children of parents with depression.
Wang et al.	2015	China	1,000	Case-control	Increased risk of depression in children of parents with depression.
Wang et al.	2016	China	1,000	Case-control	Increased risk of depression in children of parents with depression.
Wang et al.	2017	China	1,000	Case-control	Increased risk of depression in children of parents with depression.
Wang et al.	2018	China	1,000	Case-control	Increased risk of depression in children of parents with depression.
Wang et al.	2019	China	1,000	Case-control	Increased risk of depression in children of parents with depression.
Wang et al.	2020	China	1,000	Case-control	Increased risk of depression in children of parents with depression.
Wang et al.	2021	China	1,000	Case-control	Increased risk of depression in children of parents with depression.
Wang et al.	2022	China	1,000	Case-control	Increased risk of depression in children of parents with depression.
Wang et al.	2023	China	1,000	Case-control	Increased risk of depression in children of parents with depression.
Wang et al.	2024	China	1,000	Case-control	Increased risk of depression in children of parents with depression.
Wang et al.	2025	China	1,000	Case-control	Increased risk of depression in children of parents with depression.

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Figure 17

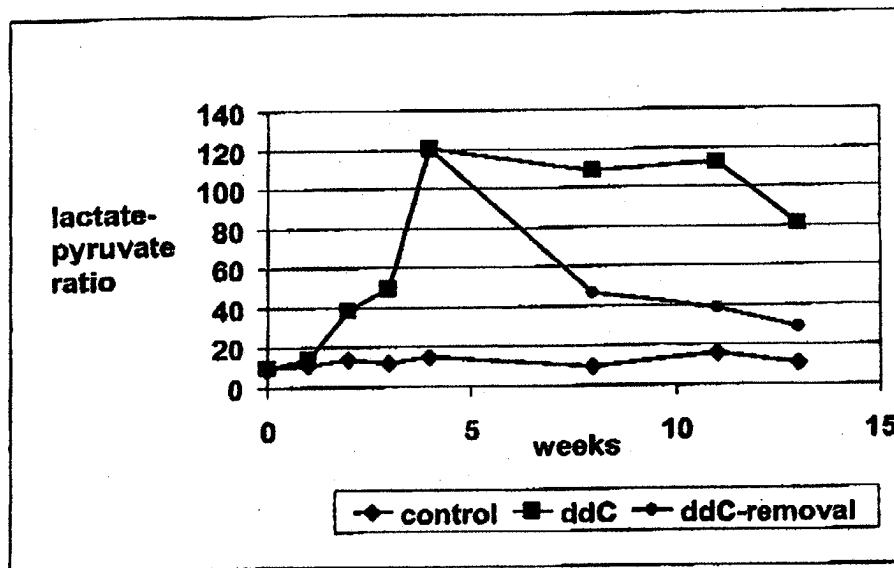
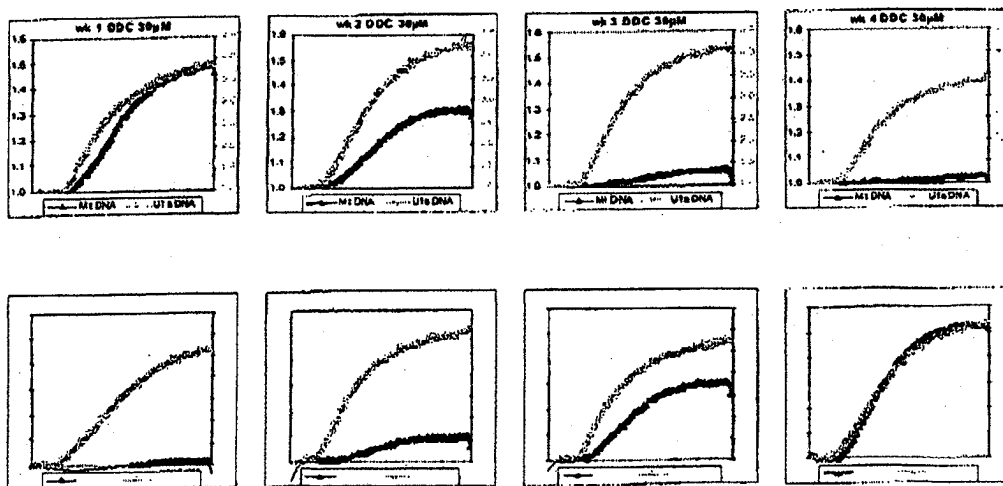


Figure 18



TITLE: TESTING ENDOSYMBIONT CELLULAR ORGANELLES
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Inventor: van Gemert et al.
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Figure 19

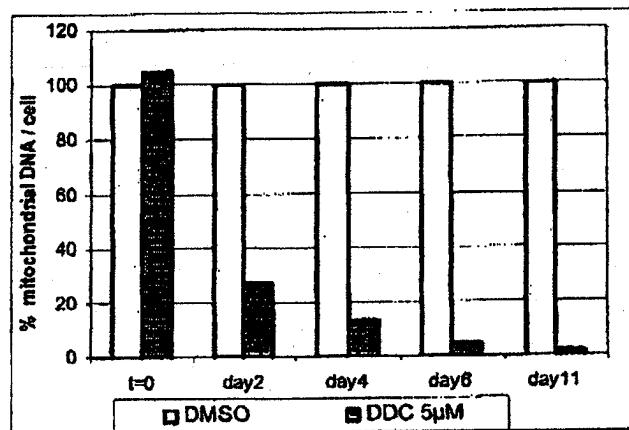


Figure 19: 6/11/2001

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Inventor: van Gemmen et al.
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Significant decrease of mtDNA in PBMC

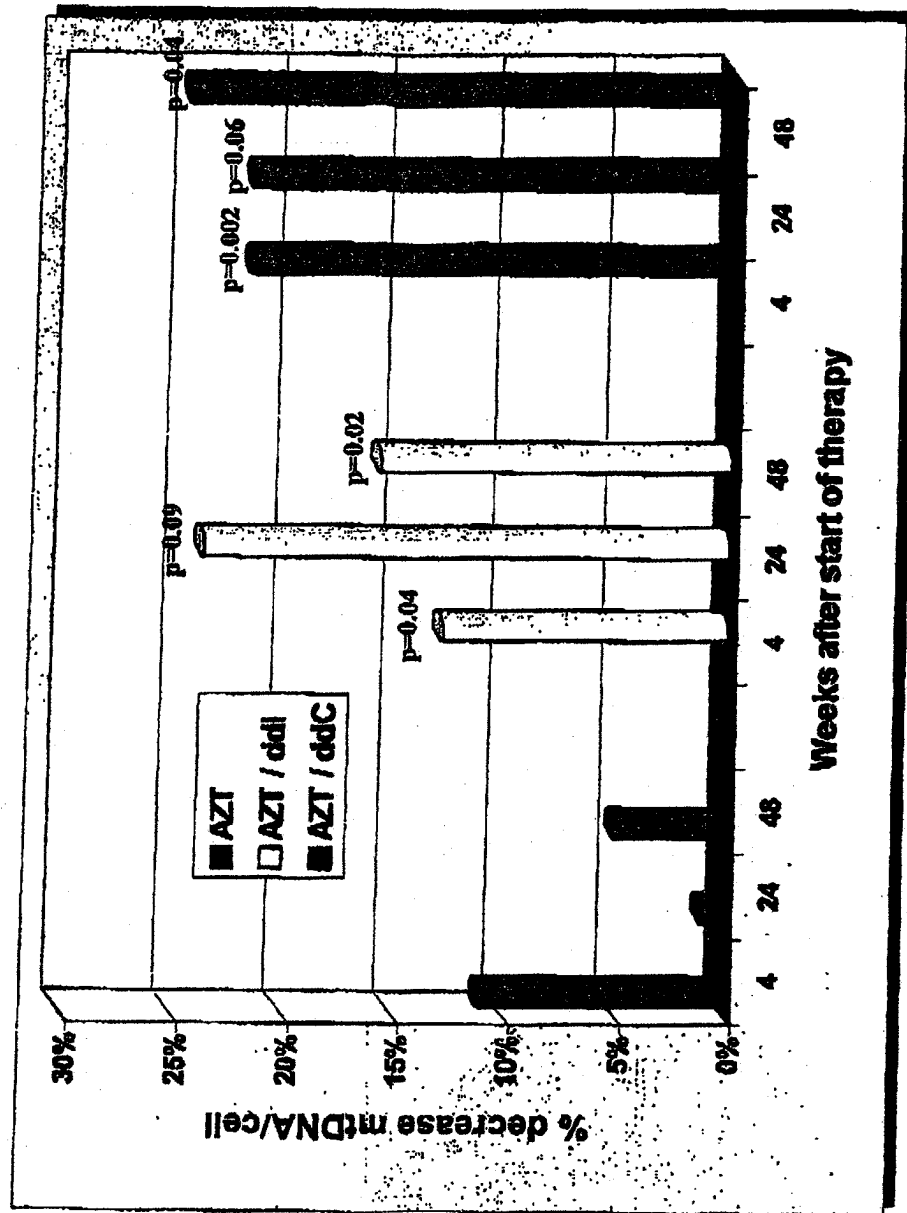


Figure 20

TITLE: TESTING ENDOSYMBIONT CELLULAR ORGANELLES
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Inventor: van Gemmeren, et al.
Serial No.: Not Yet Assigned
Docket No.: 518,005

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Copies mtDNA/cell for three individual patients

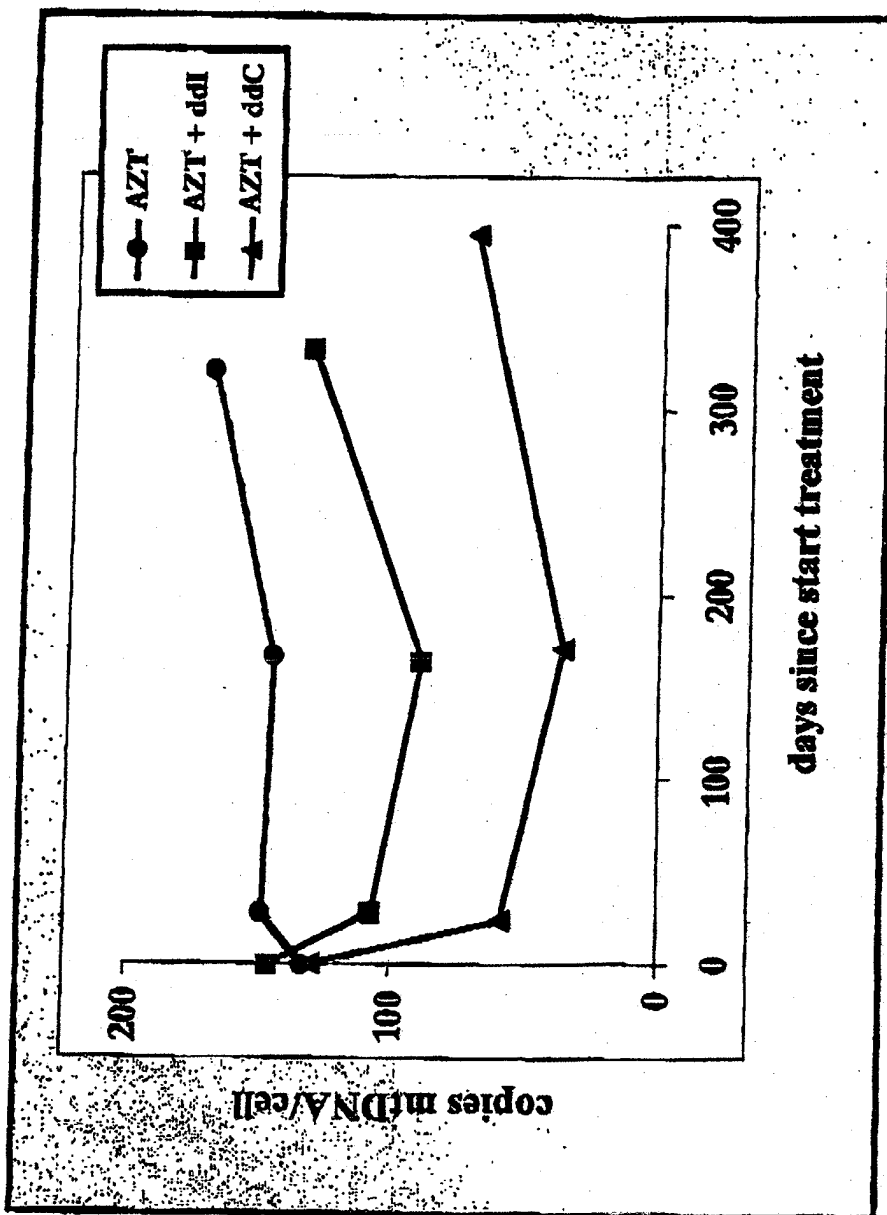


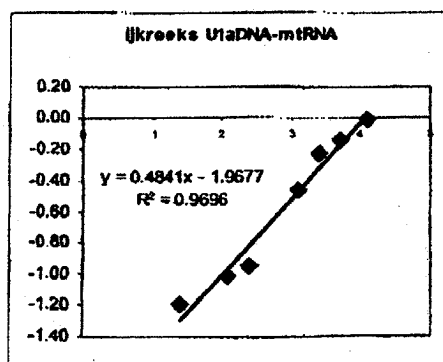
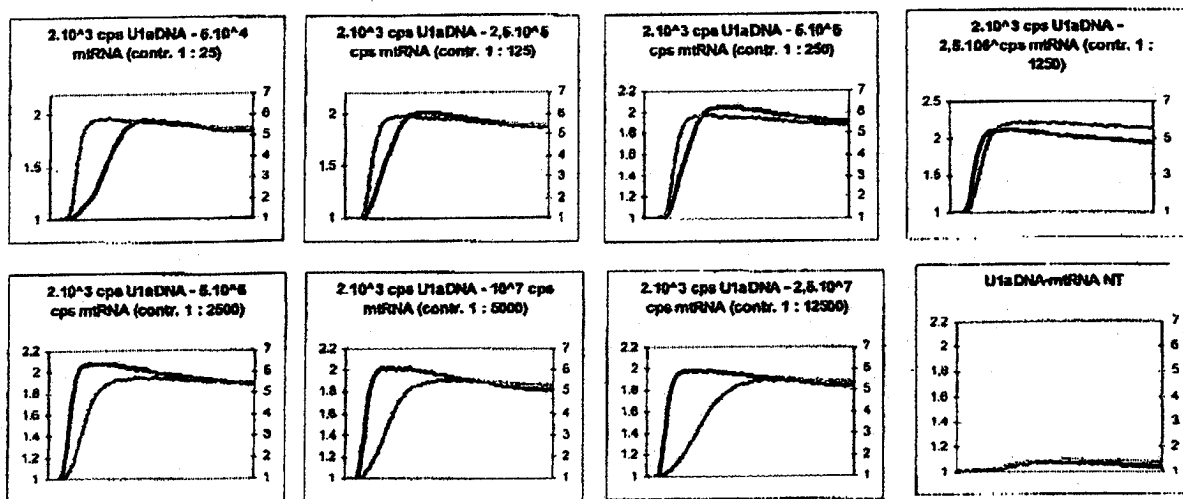
FIG. 21

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Figure 22



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total 6035001
mt RNA - in DNA duplex

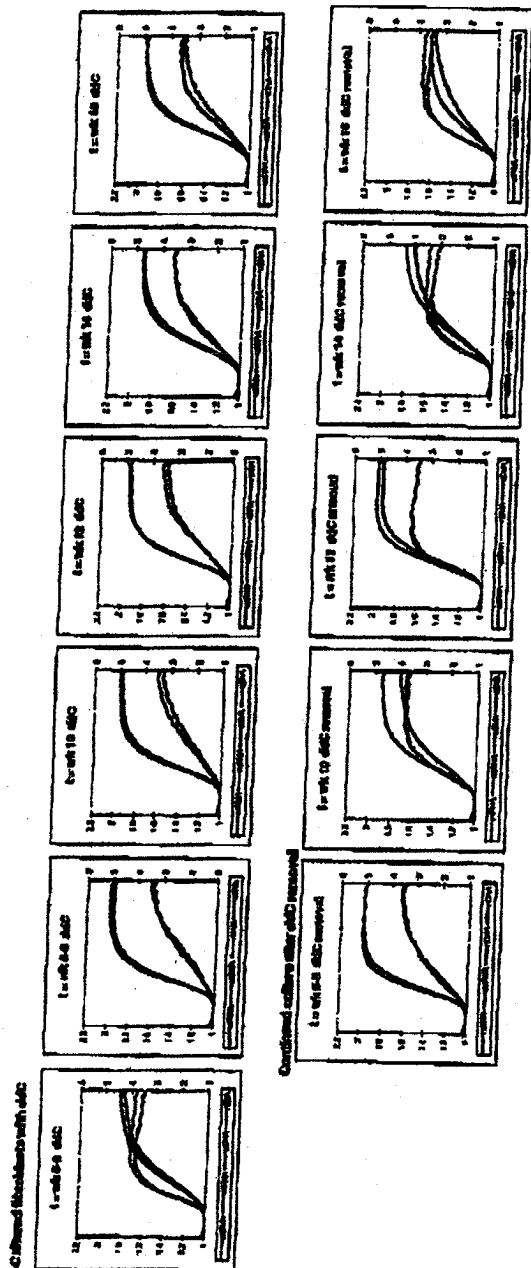
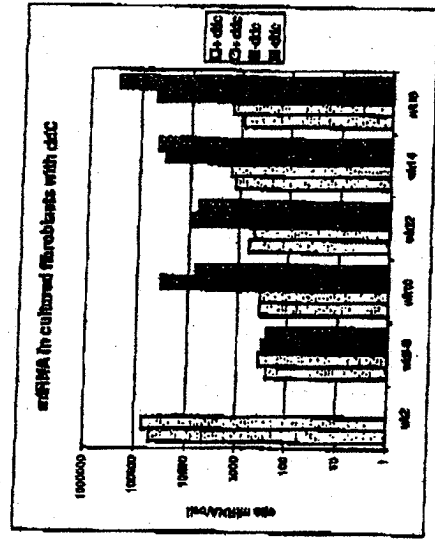


Figure 23



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Adverse effects of antiretroviral therapy

Percentage of patients changing ART because of adverse effects (results from the ATHENA-study in the Netherlands)

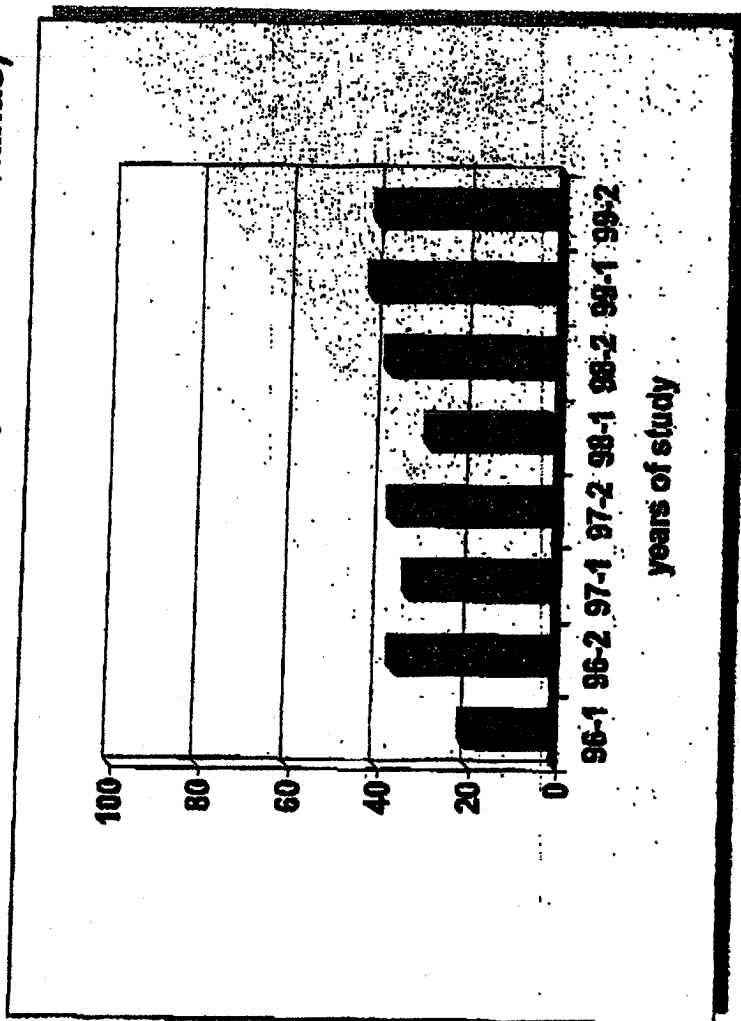


Figure 24

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Figure 25

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Mitochondria

location of primers for NASBA

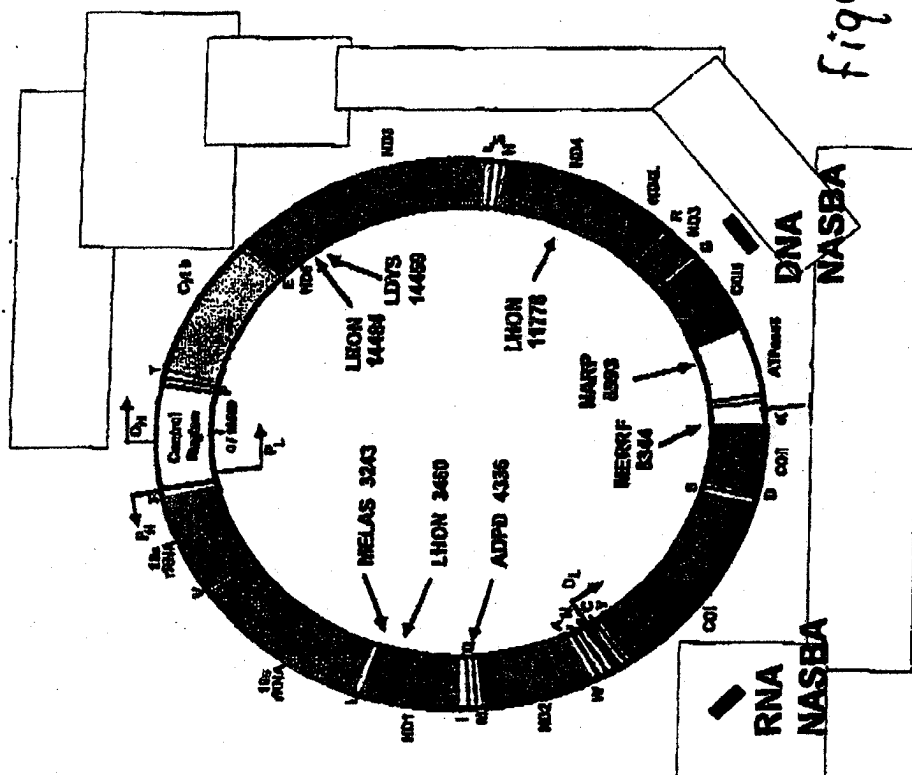


figure 26